

**ALTERNATOR AC SENSOR LINE**

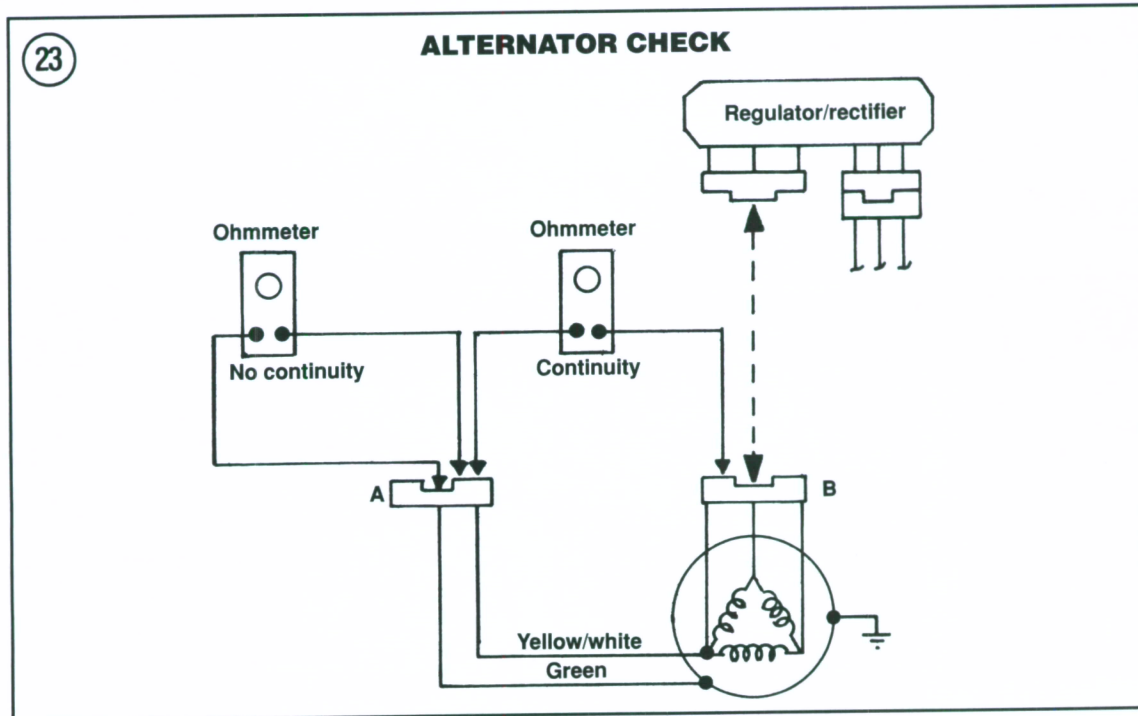
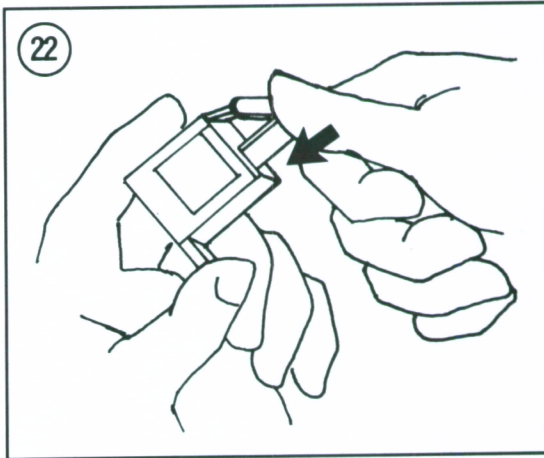
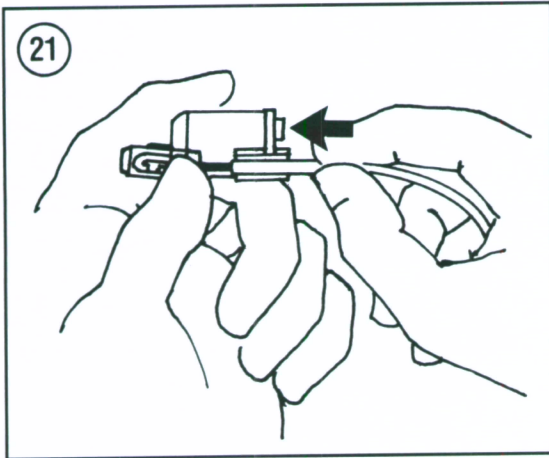
It is not necessary to remove the alternator to perform this test.

1. Place the vehicle on level ground and set the parking brake.
2. Disconnect the black 3-pin electrical connector (containing 3 wires—one blue/yellow, one light green and one blue) from the ignition pulse generator (Figure 16).

3. Disconnect the voltage regulator/rectifier white 3-pin electrical connector (Figure 7) containing 3 yellow wires.

4. Use an ohmmeter set at  $R \times 1$  and check for continuity between yellow/white terminal in the AC sensor connector (A, Figure 23) and the yellow terminal in the alternator connector (B, Figure 23). There should be continuity (low resistance).

5. Use an ohmmeter set at  $R \times 1$  and check for continuity between yellow/white terminal in the AC sensor connector (A, Figure 23) and the green ter-



minal in the alternator connector (A, **Figure 23**). There should be no continuity (infinite resistance).

6. If the alternator fails either of these tests, the stator assembly must be replaced.

7. Apply Dielectric Compound (available from a Honda dealer) to the electrical connectors prior to reconnecting them. This will help seal out moisture.

8. Make sure the electrical connectors are free of corrosion and are completely coupled.

## STARTING SYSTEM

The starting system consists of the starter motor, starter gears, solenoid and the starter button.

The layout of the starting system is shown in **Figure 24**. When the starter button is pressed, it engages the starter solenoid switch that completes the circuit allowing electricity to flow from the battery to the starter motor.

### CAUTION

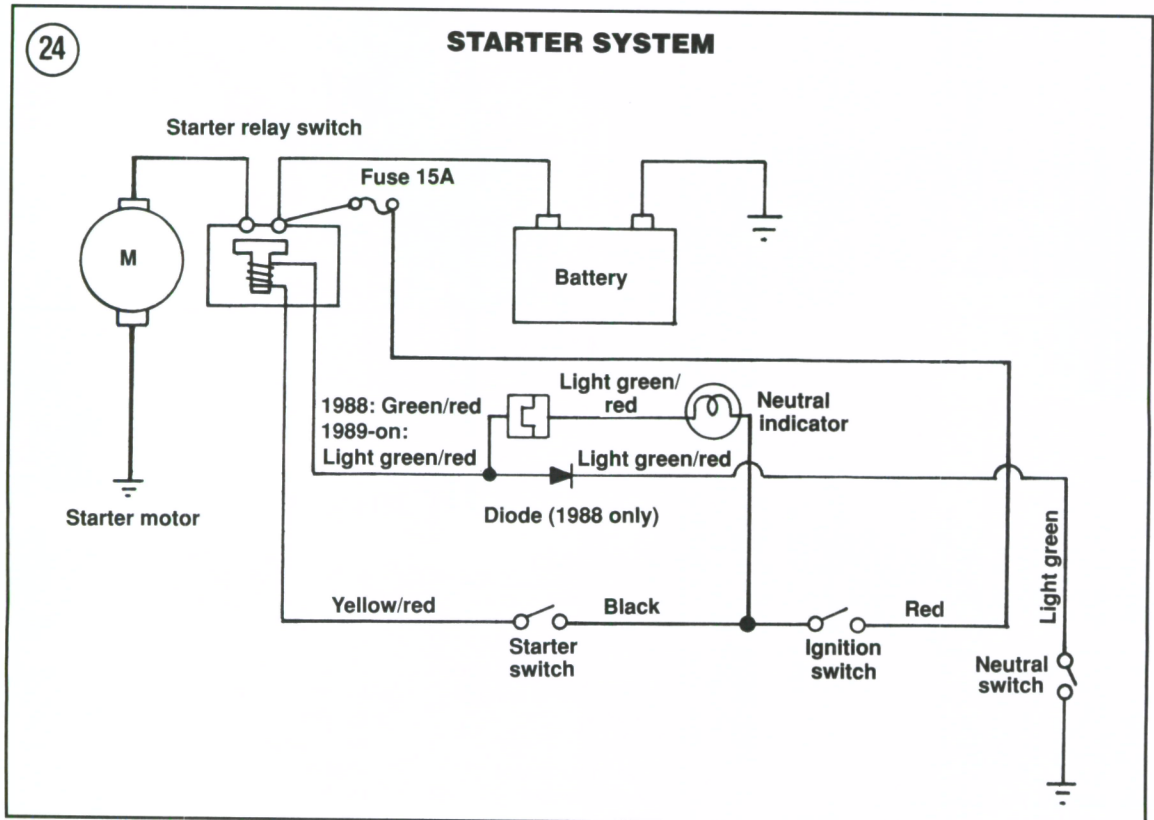
*Do not operate the starter for more than 5 seconds at a time. Let it rest approximately 10 seconds, then use it again.*

The starter gears are covered in Chapter Four. **Table 2** lists possible starter problems, probable causes and most common remedies.

## STARTER

### Removal/Installation

1. Place the vehicle on level ground and set the parking brake.
2. Remove the seat.
3. Remove the bolts (A, **Figure 25**) and remove the battery box cover (B, **Figure 25**).
4. Disconnect the battery negative lead (**Figure 26**).
5. Remove the starter reduction gears as described under *Starter Reduction Gears Removal/Installation* in Chapter Four.
6. Pull back the rubber boot on the electrical connector.
7. Disconnect the black electric starter cable from the starter (A, **Figure 27**).



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